

Title (en)
LUMINESCENT COMPOUNDS

Title (de)
LUMINESZIERENDE VERBINDUNGEN

Title (fr)
COMPOSES LUMINESCENTS

Publication
EP 1078023 A4 20030326 (EN)

Application
EP 99915319 A 19990407

Priority

- DE 19815659 A 19980408
- US 9907627 W 19990407
- US 8382098 P 19980501

Abstract (en)
[origin: WO9951702A1] Luminescent compounds, reactive intermediates used to synthesize luminescent compounds, and methods of synthesizing and using luminescent compounds. These compounds may be based on squaric, croconic, and rhodizonic acid, and their analogs, among others.

IPC 1-7
C09K 11/06; **G01N 21/64**; **C09B 23/00**

IPC 8 full level
C09B 57/00 (2006.01); **C09K 11/06** (2006.01); **G01N 33/58** (2006.01)

CPC (source: EP)
C09B 23/0066 (2013.01); **C09K 11/06** (2013.01); **G01N 33/582** (2013.01)

Citation (search report)

- [A] WO 9641144 A2 19961219 - HYPERION INC [US]
- See references of WO 9951702A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB IE IT LI LU NL SE

DOCDB simple family (publication)
WO 9951702 A1 19991014; AU 3386399 A 19991025; EP 1078023 A1 20010228; EP 1078023 A4 20030326; EP 1078023 B1 20110105

DOCDB simple family (application)
US 9907627 W 19990407; AU 3386399 A 19990407; EP 99915319 A 19990407